First & Final E-Bill
Recorded on:-

Job Number:- 003-24-000009

M. A. R. 57 (Rule 116)
Measurement Book

Work order No:- BBMP/EE/YNK.D/KPPP-NO-10/C.O/13/2023-24.

Serial No. ....

No. E 586845

Est Cost RS. 80.00 lakhs

Date 005/03/2024

Name of work: Drilling of Borewell and erection of pumpset Electrification to Borewell at Chikkabettahalli, Doddabettahalli and Ananthapura Village Areas in Attur ward No-03 of Yelahanka Satellite Town Sub division.

Name of Contractor or Nature of Agency: SRI. PRADEEPA KA, No.34, Seenappa Garden, Virupakshapura, Vidyaranyapura post, Bangalore-560097.

From ....

Date of commencement of work...

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	① Geophysical investigation at site for sinking borewells for providing drinking water to the habitations either through the hand pump mws of pwss by vertical electrical sounding by adopting wenner or Schlumbergers method including reconnaissance survey of geological formation etc as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:- 4.00 nos						
	@Rs. 5989.56						23,958.24
	② Sinking of borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	 Length 4	 Breadth 5	 Depth 6	Contents 7	Reference to last Measurement 8
	Strata including over burden up to 20mm. etc as per Specifications and directions of engineer in charge. a) 0.00 to 50.00 mtrs						
	Quantity vide, E-Bill:- 200.00 mtrs						
	@Rs. 419.09						83,818.00
③	b) 50.00 to 100.00 mtrs as per the specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:- 200.00 mtrs						
	@Rs. 525.56						1,05,112.00
④	c) 100.00 to 150.00 mtrs as per the specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:- 200.00 mtrs						
	@Rs. 558.41						1,11,682.00

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M. A. R. 57 (Rule 116) No. E
Measurement Book

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Serial No. ....
Name of work .... From .... To ....
Name of Contractor of nature of Agency...
Date of commencement of work...

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(5) d) 150.00 to 200.00 mtris as per The Specifications and directions of engineer in charge. Quantity vide E-Bill:- 200.00 mtris @RS. 647.89						1,29,578.00
	(6) c) 200.00 to 250.00 mtris as per The Specifications and directions of engineer in charge. Quantity vide, E-Bill:- 200.00 mtris @Rs. 760.02						1,52,004.00
	(7) f) 250.00 to 300.00 mtris as per The Specifications and directions of engineer in charge. Quantity vide, E-Bill:- 200.00 mtris @Rs. 838.18						1,67,636.00

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(8) g) 300.00 to 350.00 mtrs as per the specifications and directions of engineer in charge.						
		Quantity vide. E-Bill:- 60.00 mtrs					
					@RS. 983.16		58,989.60
	(9) Supply of ISI mark 175 mm nominal bore, plain and steel casing pipe grade of steel Fe 410 of wall thickness confirming to IS 4270-2001 and latest ammendments etc as per specifications and directions of engineer in charge.						
		Quantity vide, E-Bill:-300.00 mtrs					
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	(10) Providing submersible pump set of 150 mm dia suitable for borewell and confirming to IS 8034-2000: 3 phase, SS Bowl &						

Reference to last Measurement
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M. A. R. 57 (Rule 116)
Measurement Book

No. E 586847

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency...

Date of commencement of work...

Date 1	Full description, etc, of work 2	Number 3	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Impeller with low volt motor as per specifications, to work site as per necessary ammendments and instructions of engineer incharge of work.						
	Quantity vide, E-Bill:- 4.00 nos						
	CRS. 72635.86						2,90,543.44
	(11) Supplying and drawing 3 core flat pvc sheltted Submersible pump Cable manufactured with electric grade Copper with flexi-ble Copper Conductor Confirming to table 3 class 5 of IS 8130-1984 and virgin etc as per Specifications and directions of engineer in charge						
	Quantity vide, E-Bill:- 2400.00 mtrs						
	CRS. 252.28						6,05,712.00
							605472.00

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(12)	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI mark and as per its latest amendments size 50mm dia as per the specifications and directions of engineer in charge. Quantity vide, E-Bill:- 4.00 Nos					@Rs. 1415.84	5,663.36
(13)	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI mark and as per its latest amendments if any for 50mm dia GI union as per the specifications and directions of engineer in charge. Quantity vide E-Bill:- 4.00 Nos					@Rs. 1415.84	5,663.36

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M. A. R. 57 (Rule 116) No. E

Measurement Book

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Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work..

Date 1	Full description, etc, of work 2	Number 3	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(14) Supply and delivery at site wrought middle steel (galvanised) GI union Confirming to IS 1239-II, 1991 with latest ammendments if any for 50mm dia GI union as per the Specifications and directions of engineer in charge.						
	Quantity vide E-Bill:- 4.00 no's @Rs. 302.42						1,209.68
	(15) Providing laying and fixing of GI pipes Confirming to IS 1239:1990 with latest ammendments Complete with GI fittings (excluding the cost of fittings) with cuts and threads wherever						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Dimensions: Depth 6	Contents 7	Reference to last Measurement 8
	necessary, including testing for water tightness etc as per Specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:- 1040.00 mtrs						
	@RS. 500.64						5,20,665.60
(16)	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any for 50 mm dia GI union as per Specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:- 4.00 nos						
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	@RS. 302.42						1,209.68
(17)	Supply, installing and Commissioning Common Control panel						

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M. A. R. 57 (Rule 116)
Measurement Book

No. E 586849

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work..

Date	Full description, etc, of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Consisting of the following INCOMING: 1 no set of phase indicating lamps with SFU of suitable rating 1 No, Analog Ammeter etc as Per Specifications and direction of engineer in charge.						
	Quantity vide E-Bill:- 4.00 no's @RS. 18009.45						72037.80
	(18) Labour charges for erection, Electrification and Commissioning of pump sets, including aligning and balancing of all items including Supply and erection of two pair of Supporting clamps, borewell caps Cable clips and water tight gland cable protectors, bolts, nuts, valve						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and gauges tools and equipments etc as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:-4.00 no's					CRS. 7362.36	29449.44
	(19) Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws, etc as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:-4.00 no's					CRS. 335.82	1343.28
	(20) Labour charges for erection of outdoor type panel board and						

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M. A. R. 57 (Rule 116)

Measurement Book

No. E

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Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work..

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	meter board units with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc as per Specifications and directions of engineer in charge.						
		Quantity vide, E-Bill :-				4.00 Nos	
					CRS.	1642.37	6569.48
	(21) Earthing, Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. etc as per Specifications and directions of engineer in charge.						

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Dimensions: Depth 6	Contents 7	Reference to last Measurement 8
	Quantity vide, E-Bill:-4.00 No's						
	@RS. 3614.25						14,457.00
	(22) Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'c' Type curve etc as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:-4.00 No's						
	@RS. 3179.71						12,718.84
	(23) Supply and delivery at site brand new best make starter/control panel suitable for following HP centrifugal pump confirming with ISI mark and its latest						

(24)

M. A. R. 57 (Rule 116)
Measurement Book

No. E 586851

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work..

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	ammendments, 10 to 12 Hp Centrifugal pump as per the Specifications and directions of engineer in charge.						
	Quantity vide, E-Bill :- 4.00 nos						
	@Rs. 40379.69						161518.76
(24)	yield testing of borewells at final depth with a minimum of 10 hours Continously with the help of pump testing unit including the cost of transportation charges, Gen charges and cost of ammendments etc as per Specifications and direct engineer in charge.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Dimensions: Depth 6	Contents 7	Reference to last Measurement 8
	Quantity vide, E-Bill:- 4.00 No's						
	(25) Supplying of TPST with rewirable porcelain channels in Sm enclosure. made out of 14 SWG powder coated paint of app -ved colour etc as per specifications and directions of engineer in charge.					CRS. 18469.32	73,877.28
	Quantity vide, E-Bill:- 4.00 No's						
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ನಗರ ಉಪವಿಭಾಗ.	(26) Supplying and fixing LED Type panel board indicating lamp with required Colour Suitable for 220V AC 50Hz 12/24 V DC Group A etc as per specifications and directions of engi -neer in charge.					CRS. 1751.52	7006.08

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M. A. R. 57 (Rule 116)
Measurement Book

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Serial No. ....
Name of work .... From .... To ....
Name of Contractor of nature of Agency...
Date of commencement of work...

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

Quantity vide, E-Bill:-12.00 no's
@RS.530.30 6,363.60

(27) Supplying & Fixing of porcelain fuse channel with cutout on existing wooden panel using necessary nuts, bolts and washers as per specifications and directions of engineer in charge.

Quantity vide, E-Bill:-24.00 no's
@RS.412.91 9909.84

(28) Supplying and fixing angle iron frame work fabricated out of m.s angle iron and ms flat, with bolts, washers

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	 Length 4	 Breadth 5	 Depth 6	Contents 7	Reference to last Measurement 8

etc.. and painted with 2 coats of red oxide and then two coats of approved paint 40x40x6 mm as per Specifications and directions of engineer in charge.

Quantity vide, E-Bill:-20.00 Rmtrs
CRs.314.06   6281.20

(29) Supplying fully Automatic star-Delta starter unit push Button type with suitable wires 3 Contractors, one Adjustable Therm-al Timer mounted on a Common base etc as per Specifications and directions of engineer in charge work.

Quantity vide, E-Bill:-4.00 nos
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M. A. R. 57 (Rule 116)

Measurement Book

No. E 586853

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work..

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(30)	Providing laying and jointing HDPE pipes of specified grade and confirming to IS 4984-2016 with latest ammendments and conveying to work site including loading and unloading at both destinations and rolling and lowering in to trenches etc as per specifications and directions of engineer in charge.						
		Quantity vide E-Bill:-300.00 mtrs					
							64,221.00
					@Rs.214.07		
(31)	[illegible] of submersible pumpset with copper winding wires of appropriate guage, as per specifications and directions of engineer in charge.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Quantity vide, E-Bill:- 1.00 no						
	(32) For 15.00 Hp - 120 LPm @ 266mm - 23 STG outlet dia - 200mm etc as per specifications and directions of engineer in charge.					@ RS. 46224.26	46,224.26
	Quantity vide, E-Bill:- 1.00 no						
	(33) Rewinding of Submersible pumpset with copper winding wires of appropriate guage as per specifications and directions of engineer in charge.					@ RS. 78,543.87	78,543.87
	Quantity vide E-Bill:- 5.00 no's					@ RS. 4348.32	21,741.60

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M. A. R. 57 (Rule 116)
Measurement Book

No. E 586854

Serial No. ....
Name of work .... From .... To ....
Name of Contractor of nature of Agency..
Date of commencement of work...

Date	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(34)	For all types of Submersible pumpsets above 10Hp and upto 11 HP as per the Specifications and directions of engineer in charge. Quantity vide, E-Bill:- 5.00 No's					C Rs. 5954.45	29,772.25
(35)	For all types of Submersible pumpsets above 12 HP and upto 13 HP as per the Specifications and directions of engineer in charge. Quantity vide, E-Bill:- 5.00 No's					C Rs. 6776.76	33,883.80

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(36) Replace the components of submersible pump sets requiring replacements decided by the departmental officials, with respective made of damaged ones, including all materials, labour, equipments and testing etc as per specifications and directions of engineer in charge.						
	<u>Bowls</u>:-	Quantity vide E-Bill:-15.00 No's					
					@Rs.1699.01		25,485.15
	(37) The intermediate piece (IP) with IP leaded bronze bush as per the specifications and directions of engineer in charge						
		Quantity vide E-Bill:-15.00 No's					
					@Rs.1189.30		17,839.50

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M. A. R. 57 (Rule 116)
Measurement Book

No. E 586855

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency...

Date of commencement of work...

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(38)	The oil seal as per the specifications and directions of the engi-neer in charge.						
		Quantity vide E-Bill:- 15.00 nos					
					@Rs. 396.43		5946.45
(39)	The oil seal and steel bush as per the directions of the engineer in charge.						
		Quantity vide E-Bill:-15.00 nos					
					@Rs. 283.17		4247.55
(40)	The Guide vane as per specifications and directions of engineer in charge.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Quantity vide E-Bill:- 15.00 Nos					
				@Rs. 792.87			11,893.05
	(41) The impeller (shell moulded with aluminium and bronze) as per specifications and directions of engineer in charge.						
		Quantity vide E-Bill:-15.00 Nos					
				@Rs. 1699.01			25,485.15
	(42) The discharge outlet (DC) bearing DO steel bush DO bearing as per specifications and directions of engineer in charge.						
		Quantity vide E-Bill:-15.00 Nos					
				@Rs. 2321.97			34,829.55

M. A. R. 57 (Rule 116)
Measurement Book

No. E 586856

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency...

Date of commencement of work...

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(43)	The steel bearing bush (DO) steel bush ch... as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:-					15.00 nos @Rs. 453.07	6796.05
(44)	The allen screw as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:-					15.00 nos @Rs. 1359.20	20,388.00
(45)	The pump shaft made of stainless steel countorless ground with key way (up to 8 stages). Extra for each stage @Rs. 401/- as per the						

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:-15.00 Nos						
	@Rs. 1699.01					25,485.15	
	(46) pump key (stainless steel) as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:-15.00 Nos						
	@Rs. 736.24					11,043.60	
	(47) pump coupling (stainless steel) as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:-15.00 Nos						
	@RS. 1699.01					25,485.15	

M. A. R. 57 (Rule 116)
Measurement Book

No. E 586857

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency...

Date of commencement of work...

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(48)	Non-return valve (NRV) assembly complete with rubber 'O' ring as per specifications and directions of engineer in charge.						
	Quantity vide E-Bill:-					15.00 No's	11,043.60
						@Rs. 736.24	
(49)	Cable Guard as per the specifications and directions of engineer in charge.						
	Quantity vide E-Bill:-					15.00 No's	5946.45
						@Rs. 396.43	
(50)	Strainer as per the specifications and directions of engineer in charge.						

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Date 1	Full description, etc, of work 2	Dimensions: Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Dimensions: Depth 6	Contents 7	Reference to last Measurement 8
	Quantity vide, E-Bill:-15.00 Nos						
						@Rs. 509.70	7645.50
	(51) Brass filter as per the specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:-15.00 Nos						
						@Rs. 1189.30	17,839.50
	(52) The labour charges for overhauling of the pump sets as per the specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:-15.00 Nos						
						@Rs. 1019.40	15,291.00

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M. A. R. 57 (Rule 116) **No. E** 586858

Measurement Book

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work...

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(53)	c. Replacement of motor parts. Replace the components of motor parts of submersible pump sets, items repairing replacements decided by the departmental officials with respetive make of damaged ones, including all materials, labour equipments etc as per specifications and directions of engineer in charge. upper flange.	Quantity vide E-Bill :-				15.00 nos @Rs. 736.24	11,043.60
(64)	Lower flange [illegible] as per specifications and directions of engineer incharge. ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ, [illegible] ಬೆಂಗಳೂರು-106	Quantity vide E-Bill :-				15.00 nos @Rs. 736.24	11043.60

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	 Length 4	 Breadth 5	 Depth 6	Contents 7	Reference to last Measurement 8
(55)	Lower Housing as per specifications and directions of engineer in charge. Quantity vide, E-Bill:- @Rs. 1359.20					15.00 Nos	20388.00
(56)	Lock Ring as per specifications and directions of engineer in charge. Quantity vide, E-Bill:- @Rs. 396.43					15.00 Nos	5946.45
(57)	Carbon Housing as per specifications and directions of engineer in charge. Quantity vide, E-Bill:- @Rs. 2265.34					15.00 Nos	33,980.10

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M. A. R. 57 (Rule 116)
Measurement Book

No. E 586859

Serial No. ....
Name of work .... From .... To ....
Name of Contractor of nature of Agency..
Date of commencement of work...

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(58)	The Carbon Housing (Thrust bearing block assembly Complete with Segment bearing pads as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill :-					15.00 Nos	33,980.10
					@Rs.	2265.34	
(59)	The Carbon Housing (Top Carboard / Ferrodo padding) as per The directions of engineer in charge.						
	Quantity vide, E-Bill :-					15.00 Nos	5946.45
					@Rs.	396.43	
(60)	Stud and Nuts as per specifications & directions of engineer in charge.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	 Length 4	 Breadth 5	 Depth 6	Contents 7	Reference to last Measurement 8
	Quantity vide E-Bill:-15.00 no's						
	(61) The Gun metal bearing. centrifugally cast Aluminium bronze bearing bush as per specifications and directions of engineer in charge.					@Rs. 226.53	3397.95
	Quantity vide E-Bill:-15.00 no's						
						@Rs. 962.77	14,441.55
	(62) circlips etc as per specifications and directions of engineer incharge.						
	Quantity vide E-Bill:-15.00 no's						
	(63) motor base with pin etc as per specifications and directions of engineer in charge.					@Rs. 226.53	3397.95

Reference to last Measurement
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M. A. R. 57 (Rule 116)

Measurement Book

No. E 586860

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work...

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide, E-Bill:-				15.00 nos	8495.10
						@Rs. 566.34	
	(64) Transportation of pumping machineries etc as per specifications and directions of engineer in charge.						
		Quantity vide, E-Bill:-				15.00 nos	25,485.15
						@Rs. 1699.01	
	(65) Labour charges over hauling only) motor etc as per specifications and directions of engineer in charge.						
		Quantity vide, E-Bill:-				15.00 nos	50,970.15
						@Rs. 3398.01	

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(66)	Labour charges for lifting of non functioning Submersible pump set along with cable and GI pipes (Each length = 6m) for 50mm as per specifications and directions of engineer in charge.						
	quantity vide, E-Bill:- 525.00 nos						
						CRS. 259.38	1,36,174.50
(67)	Labour charges for erection of new/repaired Submersible pump set along with GI pipes (32mm/50mm) cable (new Submersible pump set etc as per specifications and directions of engineer in charge.						
	quantity vide, E-Bill:- 525.00 nos						
						CRS. 211.81	1,11,200.25

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Reference to last Measurement 8

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M. A. R. 57 (Rule 116)
Measurement Book

No. E 586861

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency...

Date of commencement of work..

Date	Full description, etc, of work	Dimensions: Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	(68) Supplying and drawing 3 Core flat pvc shelted submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class ch as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:-					600.00 mtrs	
					CRS.	252.28	1,57,368.00
	(69) water hose (pressure hose) ch as per specifications and directions of engineer in charge work.						
	Quantity vide, E-Bill:-					1000.00 mtr	
					CRS.	257.43	2,57,430.00

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	 Length 4	 Breadth 5	 Depth 6	Contents 7	Reference to last Measurement 8
(70)	Fabricating supplying and mounting MS Box made out 14SWG Suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation. etc as per specifications and directions of engineer in charge.						
	Quantity vide E-Bill:-					9,70,650.00 sqcm	
					CRS.	0.51	4,95,031.50
(71)	Supplying and fixing angle iron frame work fabricated out of MS angle iron, and MS flat... with bolts washers etc, and painted with 2 coats of red oxide and Then two coats of approved paint etc as per specifications and directions of engineer in charge.						

M. A. R. 57 (Rule 116)

Measurement Book

No. E

Serial No. ....

Name of work .... From .... To 586862

Name of Contractor of nature of Agency..

Date of commencement of work..

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide, E-Bill :-				140.00 units	43,968.40
					CRS. 314.06		
	(72) Supply and fixing polished wood board made of not less Than 15mm Thick planks on both sides of not more Than 2 pieces and fixing The Same to The wall using tapered inverted wooden plugs Screws etc as per Specifications and directions of engineer in charge.						
		Quantity vide, E-Bill :-				25.00 nos	8395.50
					CRS. 335.82		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(73)	Supplying & fixing miniature Circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF etc as per Specifications and directions of engineer in charge. Quantity vide, E-Bill:-25.00 no's					CRS. 3179.71	79,492.75
(74)	Supplying & fixing of porcelain fuse channel with cutout on existing wooden/panel using necessary nuts, bolts and washers etc as per Specifications and directions of engineer in charge. Quantity vide, E-Bill:-25.00 no's					CRS. 412.91	10,322.75

M. A. R. 57 (Rule 116)

Measurement Book

No. E 586863

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work...

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	 Breadth 5	 Depth 6	Contents 7	Reference to last Measurement 8
	(75) Earthing. Supplying and fixing and wiring earth electrode for grounding Circuits IC cutouts and other equipments on The meter board in The pit. etc as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:- 25.00 nos						90356.25
	@RS. 3614.25						
	(76) Providing laying and fixing of GI pipes confirming to IS 1239:1990 with latest amendments complete with GI fittings (excluding The cost of fittings) with cuts and Threads wherever necessary etc as per Specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:- 500.00 mtrs						
	@RS. 500.64						250320.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(77)	Supply, installing and Commissioning common control panel consisting of the following INCOMING: 1 no set phase indicating lamps with SFU of suitable rating 1 no. Analog ammeter etc as per specifications and directions of engineer in charge. Quantity vide, E-Bill:- 20.00 nos @ Rs. 18009.45					3,60,189.00	
(78)	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI mark and as per its latest amendments size 50mm dia as per specifications and directions of engineer in charge. Quantity vide, E-Bill:- 20.00 nos @ Rs. 1415.84					28,316.80	

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M. A. R. 57 (Rule 116) **No. E**

Measurement Book

586864

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work..

Date	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(79)	Supply and delivery at site wrought middle steel (galvanized) GI union Confirming to IS 1239-11, 1991 with latest ammendments if any for 50mm dia GI union etc as per Specifications and directions of engi-neer in charge.						
		Quantity vide E-Bill :-				20.00 nos	6048.40
					CRS. 302.42		
(80)	Supply and delivery at site wrought middle steel (galvanized) GI elbow Confirming to IS 1239-11, 1991 with latest ammendments if any for 50mm dia GI union etc as per specifications and directions of engineer in charge.						

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Quantity vide, E-Bill: 20.00 nos						
	(81) Supply and delivery at site wrought middle steel (galvanized) GI hexagonal nipple confirming to IS 1239-11 with latest ammendments if any. for 50 mm dia GI hexagonal nipple etc as per specifications and directions of engineer in charge.				@Rs. 302.42		6048.40
	Quantity vide, E-Bill:-20.00 nos						
	(82) Providing wrought mild steel (galvanized) GI collar confirming to IS 1239-11, 1991 with latest ammendments if any 50 mm dia collar etc as per specifications and directions of engineer incharge.				@Rs. 241.26		4825.20

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M. A. R. 57 (Rule 116)
Measurement Book

No. E 586865

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency...

Date of commencement of work...

Date	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		Quantity vide, E-Bill :-				198.00 Nos	
					@Rs.	302.42	59,879.16
	(83) Re-drilling of filled up borewell, including yield test at final depth as per specifications and directions of engineer in charge work.						
		Quantity vide, E-Bill :-				275.00 mtrs	
					@Rs.	502.91	138,300.25
	(84) Logging/Scanning of borewell at any depth Continously with the help of Logger unit including the cost of transportation charges etc as per specifications and directions of engineer incharge.						

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Quantity vide, E-Bill:- 10.00 Nos						
	CRS. 4161.43						41,614.30
	(85) Lifting of struck up Submersible pump set up to 300ft as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:- 15.00 Nos						
	CRS. 7708.95						1,15,634.25
	(86) Cutting and Threading G.I. pipes for pump fitting public fountains with appurtenances, where the length of pipe laid is less than 6 meters pipes of dia 32mm to 80mm, etc as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:- 247.00 Nos						
	CRS. 364.72						90085.84

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Reference to last Measurement
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M. A. R. 57 (Rule 116)
Measurement Book

No. E 586866

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency...

Date of commencement of work...

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(87)	Earth work excavation for pipelines/cables by manual means upto 600mm trench width, as per drawing and technical specifications includ-ing setting out, shoring, strutting, barricading etc as per specifications & direct-ions of engineer in charge work.						
	Quantity vide, E-Bill:-					356.31 m^3	
					@Rs.	548.21	195334.08
(88)	Providing pvc ringtite pipes confirming to IS 985-2000 with latest amendments and conveying to work site, rolling and lowering into trenches, laying true to line and level and perfect linking at joints						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	testing and commissioning etc as per specifications and directions of engineer in charge.						
	Quantity vide, E-Bill:-792.00 mtrs						
	CRS. 104.00						82368.00
	(89) Providing pvc ringfite pipes confirming to IS 985 : 2000 with latest amendments and conveying to work site, rolling and lowering into trenches etc as per specifications and directions of engineer in charge work.						
	Quantity vide, E-Bill:-200.00 mtrs						
	CRS. 165.78						33156.00
	(90) Refilling available earth around trenches, pipelines, Cables in						

(91

M. A. R. 57 (Rule 116) **No. E** 586867

Measurement Book

Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work..

Date	Full description, etc, of work	Number	Dimensions: Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	layers not exceeding 20cms in depth Compacting each deposited layer by ramming after watering with a lead upto 50m and lift upto 1.5m including cost of all labour Complete as per Specifications and directions of engineer in charge.						
		Quantity vide E-Bill :- 284.87m³ @RS. 164.75					46,932.74
				Sub Total RS :-			69,76,295.37
	[illegible]	Add 18% of GST charges Rs :-					12,55,733.17
(91)	Bcs [illegible]-108						

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8

voucher bills are enclosed in excel sheets:- 64,932.04

Grand Total RS:- 82,969,960.58

CERTIFICATE:-

1) certified That The above work done is Satisfactory compleled.

2) Certified That The. There is no issue of department tools.

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28/05/2024

M. A. R. 57 (Rule 116) No. E

Measurement Book

586863

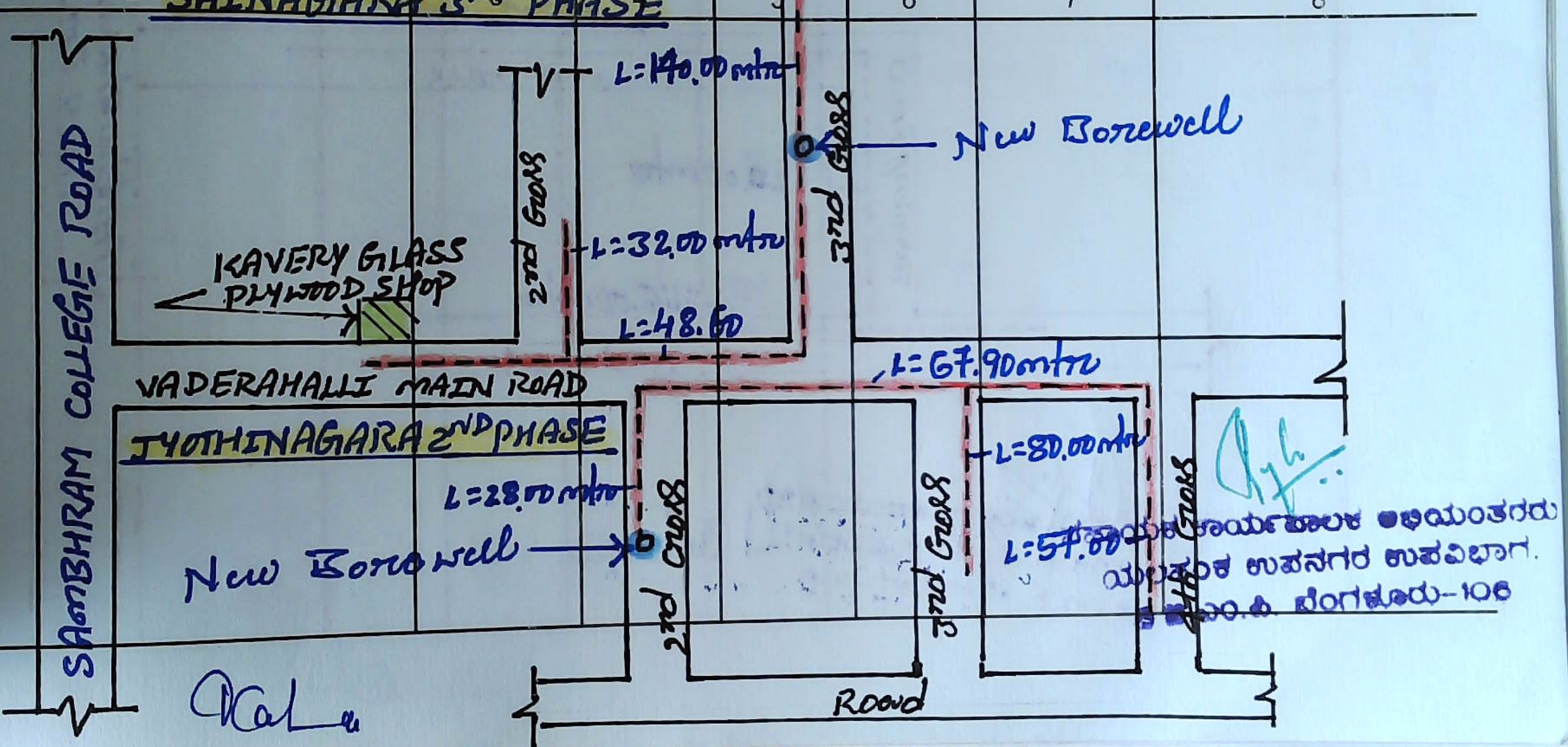
Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency...

Date of commencement of work..

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2			5	6	7	8



MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

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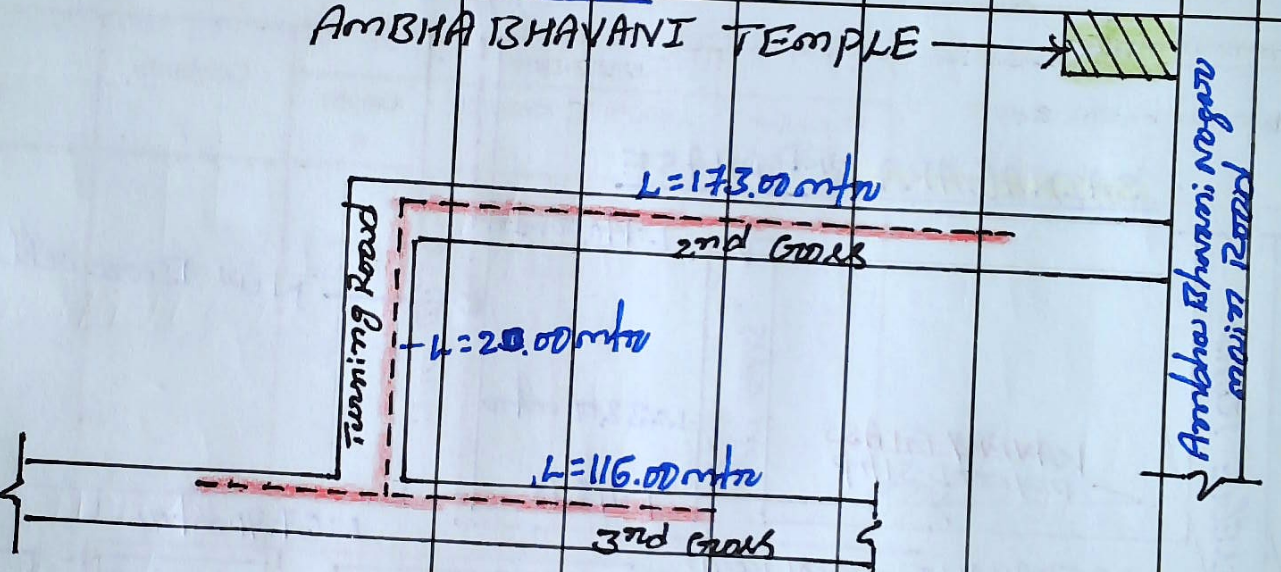

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M. A. R. 57 (Rule 116)
Measurement Book

No. E 586869

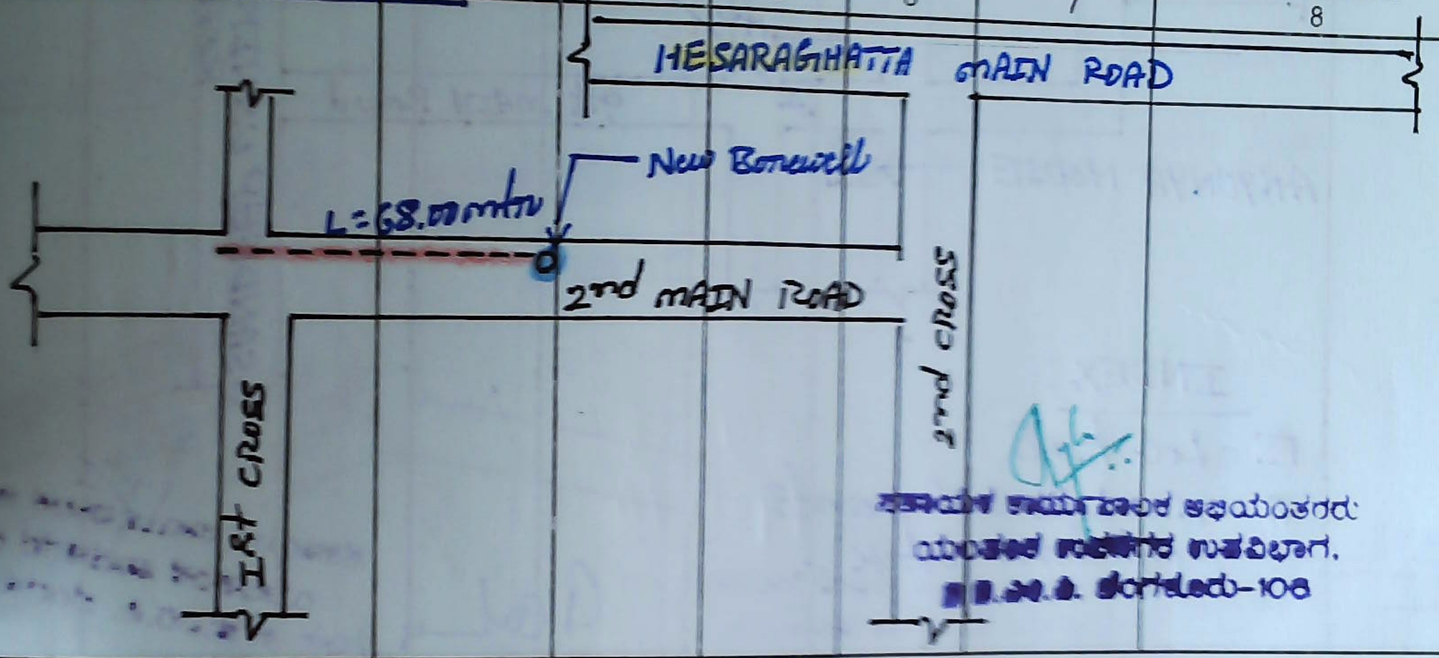
Serial No. ....

Name of work .... From .... To ....

Name of Contractor of nature of Agency..

Date of commencement of work......................................

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	BASAVALINGAPPANAGARA	3	4	5	6	7	8



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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

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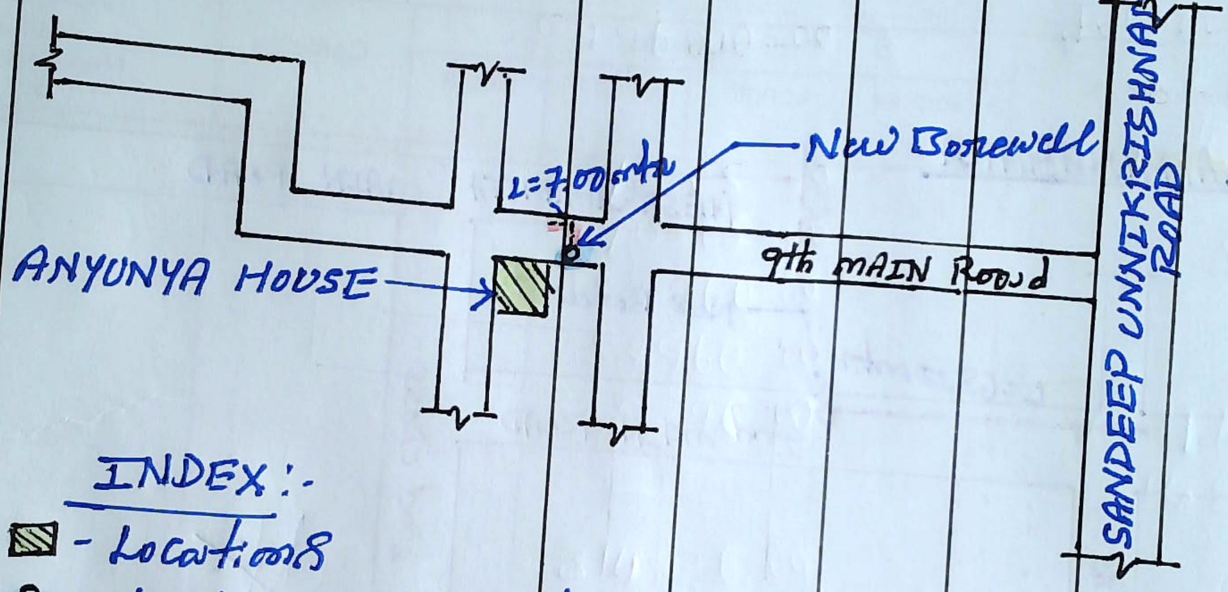

INDEX:-

- Locations
- New borewell points
- pipeline work

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Reference to last Measurement
8

M. A. R. 57 (Rule 116)
Measurement Book

No. E 586870

Serial No. ....

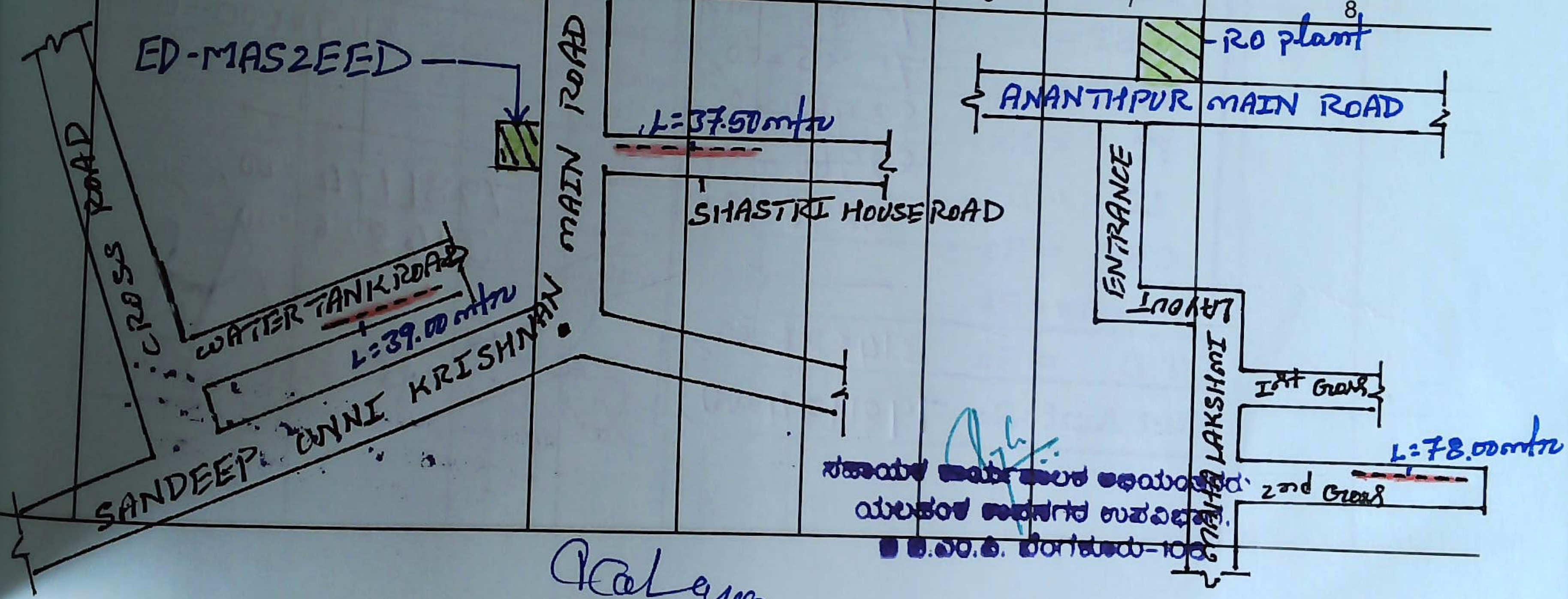
Name of work ....

Name of Contractor of nature of Agency.............................. From .... To ....

Date of commencement of work..............................

ANANTHAPURA MAHALAKSHMI LAYOUT

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1		3	4	5	6	7	8
	AMS LAYOUT :-						



MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	 Length 4	 Breadth 5	 Depth 6	Contents 7	Reference to last Measurement 8
	1st and Final bill						

Gross Amt =Rs 8296000=00
FSD =Rs —
CGST = Rs 70305=00
SGST = Rs 70305=00
IT = Rs 82960=00
LC = Rs 82960=00
CBF = Rs 8296=00
Royalty =Rs —
T.D. = Rs 314826=00
Net Amt=Rs 7981174=00

Job Code : 003-26-000009
SBR NO : 09/2024-25
Date : 29/5/2024

Audited & Admitted for Rs 8296000=00
7981174=00 by Cheque
and Rs 314826=00 by adjustment

Accts. Supdt. Yelahanka Division BBMP 30/5

Exe. Engineer Yelahanka Division BBMP